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JOHN LENNON

IS MANKIND ALONE?: PRO AND CON (MONITOR)
TWO SUMMITS: THE REAL SIGNIFICANCE (U.S. NEWS)
PROLONGING HUMAN LIFE (FORTUNE)

ANNCR: HERE IS--------, WITH FROM THE MAGAZINE RACK, A REVIEW OF ARTICLES ON TIMELY TOPICS FROM MAGAZINES PUBLISHED IN THE UNITED STATES. TODAY, A REVIEW OF OPPOSING ARGUMENTS ON THE POSSIBILITY OF LIFE IN OUTER SPACE, FROM THE CHRISTIAN SCIENCE MONITOR...A COMPARISON OF THE RESULTS OF RECENT SUMMIT TALKS, ONE CALLED BY MOSCOW, THE OTHER BY THE UNITED STATES...AND SOME NEW DISCOVERIES THAT MIGHT LEAD TO A SCIENTIFIC EFFORT TO PROLONG HUMAN LIFE...

EDITOR: WITH THE LANDING OF THE VIKING ONE SPACECRAFT ON THE PLANET MARS, DISCUSSION ABOUT THE POSSIBILITIES OF LIFE IN OTHER PARTS OF THE UNIVERSE HAS SUDDENLY MOVED OUT OF THE REALM OF SCIENCE FICTION, AND INTO A MORE SERIOUS DIMENSION. AS WITH MOST SUBJECTS ABOUT WHICH SCIENTISTS CAN ONLY SPECULATE, THE SUBJECT OF LIFE ON OTHER PLANETS HAS BECOME A CONTROVERSIAL ONE -- WITH ONE SIDE ARGUING FORCEFULLY THAT LIFE ON EARTH IS UNIQUE, AND THE OTHER ARGUING JUST AS STRONGLY THAT WE COULD NOT POSSIBLY BE ALONE IN SO VAST A UNIVERSE. IN A RECENT ISSUE OF THE CHRISTIAN SCIENCE MONITOR, A SCIENCE WRITER, ROBERT COWEN, STATES THE REASONS FOR BELIEVING THAT THERE MIGHT BE LIFE ON OTHER PLANETS -- AND NEW YORK UNIVERSITY PROFESSOR ALBERT WEEKS REPLIES THAT SUCH BELIEFS ARE BASED ON FAULTY REASONING. PROFESSOR WEEKS WRITES:

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VOICE: "BELIEF IN THE EXISTENCE OF EXTRATERRESTRIAL LIFE AND INTELLIGENCE IS AS VIRULENT TODAY AS WAS THE BELIEF IN A GEOCENTRIC (EARTH-CENTERED) UNIVERSE IN THE MIDDLE AGES. AND, IT APPEARS, WITH ABOUT AS MUCH HARD EVIDENCE TO SUPPORT IT...WHILE FACTUAL PROOF FOR EXTRATERRESTRIAL LIFE AND INTELLIGENCE MAY BE LACKING, SAY ITS (ADVOCATES), THE HINTS (CLUES) OF ITS EXISTENCE ARE NEVERTHELESS PRESENT... BUT WHEN YOU DIG THROUGH THE VARIOUS LAYERS OF (THEIR) ARGUMENTS, THE CREDIBILITY OF THE HYPOTHESIS BEGINS TO FADE LIKE LAST YEAR'S COMET KOHOUTEK."

EDITOR: NOTING THE ARGUMENT OF "PROBABILITY" -- NAMELY, THAT BECAUSE THERE ARE THOUSANDS OF MILLIONS OF STARS LIKE OUR OWN SUN IN THE UNIVERSE, THERE MUST BE EARTH-LIKE PLANETS AROUND SOME OF THEM -- PROFESSOR WEEKS SAYS CRITICALLY:

VOICE: "ONE CAN BEGIN TO QUESTION THIS LINE OF ARGUMENT EVEN BEFORE LEAVING OUR OWN SOLAR SYSTEM. NOT TOO MANY YEARS AGO, SOME REPUTABLE ASTRONOMERS WERE CONVINCED THAT MARS AND VENUS BORE WHAT MIGHT BE SIGNS OF LIFE. NOW, SCIENTISTS HAVE STUDIED AT CLOSE RANGE THESE MOST EARTH-LIKE PLANETS IN OUR OWN SYSTEM, AND THE RESULTS ARE WELL KNOWN. THE MARTIAN 'CANALS' TURN OUT TO BE AS DRY AS THOSE (SO-CALLED) 'SEAS' ON THE MOON...NOR DOES TAKING PROBABILITY STATISTICS ON A QUICK TRIP INTO DEEP SPACE HELP THE (LIFE-IN-OUTER-SPACE) HYPOTHESIS. THOUSANDS OF MILLIONS OF 'SUN-LIKE' STARS DO NOT EQUAL <u>THE</u> SUN OR <u>THE</u> EARTH. SUN AND EARTH BOTH HAVE HAD VERY SPECIAL AND QUITE POSSIBLY UTTERLY UNIQUE EVOLUTIONS. PROBABILITY STATISTICS CAN BE APPLIED SENSIBLY ONLY WHEN ALL THE POSSIBILITIES ARE BOTH KNOWN AND COUNTABLE.

VOICE: (CONT'D) AS FOR THE UNIVERSE, IT DOES NOT MATTER HOW MANY 'SUN-LIKE' STARS THERE ARE IF ALL THOSE STARS ARE SUN-LIKE ONLY SUPERFICIALLY, OR IF ALL THOSE ECLIPSING COMPANIONS ARE SIMPLY THOUSANDS OF MILLIONS MORE DESOLATE 'WORLDS' SUCH AS MERCURY, VENUS OR MARS."

EDITOR: THE VIEWS OF PROFESSOR ALBERT WEEKS OF NEW YORK UNIVERSITY. IN THE SAME ARTICLE FROM THE CHRISTIAN SCIENCE MONITOR, OPPOSING VIEWS WERE PRESENTED BY ROBERT COWEN, A FORMER SCIENCE EDITOR, WHO WRITES:

VOICE: "THE GENERAL BELIEF THAT EVOLUTION OF ORGANIC LIFE IS TOO TORTUOUS AND CHANCY (HAZARDOUS) TO ARISE ELSEWHERE HAS YIELDED TO GROWING CONVICTIONS THAT IT HAPPENS READILY AND QUICKLY WHEN CONDITIONS FAVOR IT AND THAT SUCH CONDITIONS PREVAIL WIDELY IN THE UNIVERSE. NO DIRECT EVIDENCE SUPPORTS THIS THEORY, NOR DOES ANY UNDERCUT IT. AS BRUCE C. MURRAY, DIRECTOR OF THE JET PROPULSION LABORATORY THAT MANAGES THE VIKING MISSION, NOTES: 'THERE'S NOTHING WE CAN IDENTIFY IN GEOLOGY, BIOLOGY, OR ASTRONOMY THAT MAKES LIFE ON EARTH UNIQUE.' AND THERE IS THE TANTALIZING DISCOVERY THAT COMPLEX ORGANIC CHEMICALS, MANY ASSOCIATED WITH EARTHLY LIFE PROCESSES, EXIST IN THE DUST AND GAS OF INTERSTELLAR SPACE. UNTIL THE NINETEEN SIXTIES, FEW SCIENTISTS COULD CONCEIVE OF SUCH CHEMICALS SURVIVING IN THAT HARSH ENVIRONMENT. NOW, MANY SCIENTISTS FIND IT HARD TO CONCEIVE OF ORGANIC LIFE NOT ARISING WIDELY AMONG THE MANY MILLIONS OF PLANETARY SYSTEMS THAT ASTROPHYSICAL THEORY PREDICTS SHOULD EXIST (AND WHICH OBSERVATIONS OF CERTAIN STARS THAT SEEM TO HAVE PLANETS SUGGEST DO EXIST.)

IT IS IMPOSSIBLE TO CALCULATE PROBABILITIES THAT ALIEN LIFE FORMS, ESPECIALLY INTELLIGENT ALIENS, EXIST. WE DON'T HAVE THE DATA FOR SUCH STATISTICS. BUT, IN THE JUDGMENT OF MANY SCIENTISTS, THE PRESUMPTIVE REASONS FOR BELIEVING IN LIFE ELSEWHERE OVERWHELMS THE OLD ARROGANCE ABOUT EARTHLY UNIQUENESS."

EDITOR: NOTING THE EXPERIMENTS BEING CONDUCTED BY THE VIKING ONE LANDING CRAFT ON MARS, MISTER COWEN SAYS THAT WITH THE EVOLUTION OF THE SPACE AGE, THE THINKING OF MOST SCIENTISTS REGARDING LIFE ON OTHER PLANETS HAS CHANGED -- AND THAT THIS, IN ITSELF, IS IN HIS VIEW A SIGN OF PROGRESS. MISTER COWEN WRITES:

VOICE: "IF NEITHER VIKING ONE NOR VIKING TWO FIND CLEAR SIGNS OF MARTIAN LIFE, THEIR MISSION WILL NOT HAVE BEEN IN VAIN. THE BIOLOGY EXPERIMENTS ARE ONLY ONE OF THIRTEEN VIKING INVESTIGATIONS OF THE NATURE OF MARS. THE SIGNIFICANCE OF THE BIOLOGY STUDIES LIE MORE IN WHAT THEY SYMBOLIZE THAN IN WHAT THEY DO OR DON'T DISCOVER. NEGATIVE RESULTS WON'T END THE SEARCH FOR MARTIAN LIFE, WHILE POSITIVE RESULTS WON'T SETTLE THE QUESTION OF LIFE IN OTHER STAR SYSTEMS. BUT THE FACT WILL REMAIN THAT SUBSTANTIAL RESOURCES HAVE BEEN COMMITTED TO LOOK FOR LIFE BEYOND EARTH. AS GUISIPPE COCCONI AND PHILIP MORRISON, THEN AT CORNELL UNIVERSITY, NOTED...IN NINETEEN FIFTY-NINE, "THE PROBABILITY OF SUCCESS IS DIFFICULT TO ESTIMATE; BUT IF WE NEVER SEARCH, THE CHANCE OF SUCCESS IS ZERO."

EDITOR: THE VIEWS OF ROBERT COWEN, FORMER SCIENCE EDITOR FOR THE CHRISTIAN SCIENCE MONITOR.

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EDITOR: IN A RECENT ISSUE OF U.S. NEWS AND WORLD REPORT, THE MAGAZINE'S DEPUTY EDITOR, JOSEPH FROMM, COMMENTS ON THE LESSONS TO BE LEARNED FROM TWO SUMMIT CONFERENCES.

VOICE: "CHANGES OF HISTORIC IMPORTANCE ARE TRANSFORMING THE TWO MAJOR ALLIANCES OF THE WORLD -- THE ONE LED BY THE UNITED STATES AND THE OTHER LED BY THE SOVIET UNION. THE TRANSFORMATION WAS SYMBOLIZED BY TWO SUMMIT CONFERENCES STAGED AT THE END OF JUNE -- THE FIRST BY WASHINGTON, THE SECOND BY MOSCOW. THE MESSAGE FROM THOSE TOP-LEVEL MEETINGS: (THE SOVIET UNION) IS COMING CLOSE TO LOSING CONTROL OF A DISINTEGRATING WORLD COMMUNIST MOVEMENT, WHILE THE UNITED STATES PARTNERSHIP WITH ITS EUROPEAN AND JAPANESE ALLIES IS MOVING TO A NEW LEVEL OF COOPERATION."

EDITOR: MISTER FROMM, IN REPORTING AND ANALYZING THE RESULTS OF THE COMMUNIST PARTY SUMMIT CONFERENCE IN EAST BERLIN, WRITES:

VOICE: "SOVIET COMMUNIST PARTY LEADER LEONID BREZHNEV PROMOTED THIS MEETING FOR TWO YEARS IN AN EFFORT TO REUNIFY THE COMMUNIST MOVEMENT -- MINUS CHINA -- UNDER THE DOMINATION OF THE KREMLIN. AS IT ACTUALLY MATERIALIZED, THE CONFERENCE PRODUCED JUST THE OPPOSITE RESULT -- A DECLARATION BY LEADERS OF TWENTY-NINE EUROPEAN PARTIES PROCLAIMING INDEPENDENCE FOR EVERY PARTY AND REJECTING SOVIET LEADERSHIP ... THE EAST BERLIN MEETING SIGNALED REJECTED BY (MOSCOW'S)

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VOICE: (CONT'D) 'ALLIES' OF MOSCOW'S CLAIM TO ACT AS THE IDEOLOGICAL HEART AND SOUL OF WORLD COMMUNISM -- WITH A RIGHT TO MEDDLE IN THE AFFAIRS OF OTHER COUNTRIES IN THE NAME OF 'INTERNATIONAL PROLETARIANISM.' THE DOCUMENT ISSUED AT THE END OF THE TWO-DAY CONFERENCE SPELLED OUT A NEW DOCTRINE OF 'NATIONAL COMMUNISM.' THE TERMS WERE DICTATED BY YUGOSLAVIA'S PRESIDENT TITO, WHO IN NINETEEN FORTY-EIGHT WAS THE FIRST COMMUNIST LEADER TO BREAK WITH MOSCOW. HE WAS SUPPORTED BY LEADERS OF RUMANIAN AND MAVERICK (INDEPENDENT-MINDED) WESTERN EUROPEAN PARTIES -- THE ITALIAN, FRENCH AND SPANISH IN PARTICULAR. THE SUMMIT DOCUMENT EMPHASIZES 'THE PRINCIPLES OF EQUALITY AND SOVEREIGN INDEPENDENCE OF EACH PARTY, NONINTERFERENCE IN INTERNAL AFFAIRS AND RESPECT FOR THEIR FREE CHOICE OF DIFFERENT ROADS IN THE STRUGGLE FOR SOCIAL CHANGE.'"

EDITOR: NOTING THE DISSENSION IN EAST BERLIN, MISTER FROMM WRITES THAT THE SUMMIT MEETING IN PUERTO RICO REFLECTED A DIFFERENT ATTITUDE ON THE PART OF THE PARTICIPANTS. THAT CONFERENCE, HE SAYS, MARKED ANOTHER STEP ALONG THE ROAD MAPPED OUT BY SECRETARY OF STATE HENRY KISSINGER -- WHO URGES COOPERATION AMONG THE WESTERN ALLIES IN ECONOMIC AND POLITICAL AFFAIRS, AS WELL AS DEFENSE MATTERS. MISTER FROMM WRITES:

VOICE: "INITIALLY, THE ALLIES BITTERLY CHALLENGED THIS IDEA. BUT THE IMPACT OF THE OIL CRISIS AND WORLDWIDE RECESSION HAVE COMBINED TO PUSH THEM, STEP BY STEP, INTO CLOSER COOPERATION WITH THE UNITED STATES -- FIRST IN DEALING WITH THE LONG-TERM ENERGY PROBLEM, AND THEN ON WIDER

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VOICE: (CONT'D) SUCH MEETING IN SEVEN MONTHS -- STANDS OUT AS A SIGNIFICANT ADVANCE IN THIS ONGOING PROCESS. PARTICIPATING WERE LEADERS OF THE SEVEN PRINCIPAL FREE-WORLD INDUSTRIAL NATIONS -- THE UNITED STATES, WEST GERMANY, JAPAN, BRITAIN, FRANCE, ITALY AND CANADA. WHAT EMERGED FROM THEIR TALKS WAS A SERIES OF UNDERSTANDINGS CALCULATED TO DEFUSE ISSUES THAT COULD LEAD TO FUTURE FRICTION AND EVEN CONFLICT AMONG THE PARTNERS. ONE UNDERSTANDING ENDORSED A COMMON STRAGEGY OF SLOW ECONOMIC GROWTH WITH THE PRIMARY OBJECTIVE OF CURBING INFLATION RATHER THAN UNEMPLOYMENT. ANOTHER ACCEPTED THE NEED FOR COORDINATION AMONG THE INDUSTRIAL DEMOCRACIES IN DEALING WITH THE 'THIRD WORLD.' A THIRD UNDERWROTE PROVISIONALLY A MULTI-THOUSAND-MILLION-DOLLAR ARRANGEMENT TO BAIL OUT ALLIED COUNTRIES IN DEEP TROUBLE -- SUCH AS ITALY AND BRITAIN. THERE IS NOTHING DRAMATIC IN THESE UNDERSTANDINGS, BUT THE OVERALL EFFECT OF THE PUERTO RICAN SUMMIT IS TO REINFORCE AND EXPAND A NEW ECONOMIC PARTNERSHIP AMONG THE ALLIES ... TO SUM UP: A DETAILED STUDY OF THE SUMMIT CONFERENCES STAGED AT THE END OF JUNE REVEALS THAT THE INTERNATIONAL ORDER IS NOW UNDERGOING CHANGES OF FAR-REACHING IMPORTANCE."

EDITOR: THE VIEWS OF JOSEPH FROMM, DEPUTY EDITOR OF U.S. NEWS AND WORLD REPORT.

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EDITOR: FOR THOUSANDS OF YEARS, MAN HAS SEARCHED FOR WAYS OF PREVENTING OR SLOWING THE AGING PROCESS AND PROLONGING LIFE BEYOND THE BIBLICAL THREESCORE YEARS AND TEN. MODERN MEDICINE HAS HELPED MANY PEOPLE SURVIVE INTO OLD AGE BY FINDING WAYS OF

EDITOR: (CONT'D) PREVENTING OR CURING MOST INFECTIOUS DISEASES. BUT SO FAR, SCIENTISTS HAVE NOT FOUND ANY RELIABLE METHOD OF SLOWING THE AGING PROCESS ITSELF, OR OF HELPING MOST PEOPLE SURVIVE MUCH BEYOND THE AGE OF SEVENTY OR SEVENTY-FIVE. ACCORDING TO GENE BYLINSKY, WRITING IN FORTUNE MAGAZINE, MEDICAL RESEARCHERS HAVE BEEN EXPLORING SEVERAL PROMISING LEADS WHICH MAY PRODUCE VALUABLE RESULTS IN BOTH AREAS.

FOR EXAMPLE, THEY HAVE FOUND OUT THAT AGING IS CAUSED NOT SO MUCH BY THE DETERIORATION OF THE BODY'S ORGANS -- MANY OLDER PEOPLE'S ORGANS FUNCTION ALMOST AS WELL AS YOUNGER PEOPLE'S -- BUT BY DEFINITE HORMONAL AND CHEMICAL SIGNALS FROM THE BRAIN. CHEMICALS THAT HELP TO TRANSMIT NERVE IMPULSES FROM THE BRAIN TO THE MUSCLES ARE PARTICULARLY SIGNIFICANT. IN WRITER BYLINSKY'S WORDS:

VOICE: "AT THE UNIVERSITY OF SOUTHERN CALIFORNIA'S ANDRUS GERONTOLOG CENTER, BIOLOGIST CALEB E. FINCH AND HIS ASSOCIATES HAVE DISCOVERED THAT AS MICE AGE, DRAMATIC DISTURBANCES TAKE PLACE IN THEIR NEUROTRANSMITTER METABOLISM. PARTICULARLY STRIKING IS THE DEPLETION OF DOPAMINE (A CHEMICAL THAT HAS BEEN FOUND TO BE DEFICIENT IN THE BRAINS OF VICTIMS OF PARKINSON'S DISEASE, OR 'SHAKING PALSY.' 'WE THINK,' SAYS FINCH, 'THAT PARKINSON'S DISEASE REPRESENTS AN EXTREME DEVELOPMENT IN WHAT IS A NORMAL TREND OF AGING -- THERE IS A GENERAL TREND OF IMPAIRED DOPAMINE FUNCTION IN MOST MAMMALS.'"

EDITOR: REPORTER BYLINSKY NOTES THAT THE IDEA THAT DOPAMINE DEPLETION MAY CAUSE AGING IS BEING EXPLORED NOT ONLY IN CALIFORNIA, BUT ON THE OTHER SIDE OF THE UNITED STATES, AT SLOAN-KETTERING

EDITOR: (CONT'D) CANCER CENTER IN NEW YORK CITY. THERE, DOCTOR GEORGE C. COTZIAS HAS BEEN FEEDING MICE DIETS CONTAINING VARYING DOSES OF L-DOPA, A DRUG FOUND TO BE EFFECTIVE IN TREATING PARKINSON'S DISEASE, IN ORDER TO FIND OUT WHETHER IT WOULD ALSO ARREST THE AGING PROCESS AND PROLONG THE LIVES OF THE MICE. HERE'S WHAT THEY DISCOVERED:

VOICE: "(DOCTOR COTZIAS) AND HIS CO-WORKERS FIND THAT ANIMALS ON A HEAVY DOSAGE (160 MILLIGRAMS A DAY) EXPERIENCE A 10 PERCENT GAIN IN LIFESPAN BEYOND THEIR NORMAL LIMIT OF TWENTY-EIGHT MONTHS. MANY MORE OF THE MICE STAY HEALTHY LATE IN LIFE. A DOSE OF FOUR MILLIGRAMS A DAY, IN CONTRAST, SEEMS TO HAVE LITTLE EFFECT.

"IN A DAY WHEN THE PUBLIC EXPECTS MIRACLES FROM MEDICAL SCIENCE, RESULTS SO DRAMATIC MIGHT BE EXPECTED TO SET OFF A RUN ON L-DOPA. BUT COTZIAS IS EXTREMELY CAUTIOUS ABOUT EXTRAPOLATING TOO MUCH FROM HIS MOUSE STUDIES -- EVEN THOUGH IT IS ALSO NOW KNOWN THAT MANY SUFFERERS FROM PARKINSON'S DISEASE WHO TAKE L-DOPA ARE ABLE TO LIVE OUT THEIR NORMAL LIFE SPANS.

"THE DRUG HAS DRAWBACKS. SOME PATIENTS BEING TREATED FOR PARKINSON'S DISEASE HAVE SUFFERED DISTURBING SYMPTONS OF MENTAL IMBALANCE NOT UNLIKE THE SIGNS OF SCHIZOPHRENIA. 'RIGHT NOW,' SAYS COTZIAS, 'L-DOPA, BEING THE VERY POWERFUL DRUG IT IS, SHOULD BE SOLD ONLY FOR MEDICAL PURPOSES INTENDED, AND NOTHING ELSE.'"

EDITOR: EXPERIMENTS IN PROLONGING LIFE THROUGH THE USE OF THE DRUG L-DOPA ARE ONLY ONE OF THE RESEARCH AVENUES EXPERTS ON AGING ARE PURSUING, ACCORDING TO GENE BYLINSKY. SCIENTISTS ARE ALSO TRYING TO FIND WAYS OF PROLONGING THE EFFECTIVENESS OF THE BODY'S IMMUNITY SYSTEM, WHICH PROTECTS IT AGAINST INVADING DISEASES. ONE RESEARCH TEAM, (DOCTOR TAKASHI MAKINDOAN AND HIS ASSOCIATES AT THE NATIONAL INSTITUTE ON AGING,) HAS FOUND THAT INJECTIONS OF BONE MARROW CELLS FROM YOUNG MICE INTO OLDER ONES SEEM TO REJUVENATE THE OLDER ANIMALS. (OF COURSE, BONE MARROW IS WHERE THE LYMPHOCYTES, OR WHITE BLOOD CELLS THAT DEFEND THE BODY AGAINST DISEASE, ARE MANUFACTURED.) MISTER BYLINSKY NOTES ANOTHER EXCITING ASPECT OF THIS TEAM'S RESEARCH:

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VOICE: "MAKINODAN HAS ALSO TAKEN LYMPHOCYTES FROM YOUNG MICE, PRESERVED THEM IN A FROZEN STATE, AND THEN INJECTED THEM INTO THE DONOR ANIMALS AFTER THE ANIMALS HAD REACHED THE RIPE OLD AGE OF TWENTY-FIVE MONTHS. HE THINKS THAT OLD PEOPLE MAY ONE DAY BE REVITALIZED BY INJECTIONS OF THEIR PREVIOUSLY EXTRACTED TEENAGE LYMPHOCYTES."

EDITOR: WHAT WILL THE RESULT OF ALL THIS RESEARCH BE? DOCTOR ROY L. WALFORD OF THE UNIVERSITY OF CALIFORNIA AT LOS ANGELES SCHOOL OF MEDICINE PREDICTS THAT EVENTUALLY, SCIENTISTS WILL BE ABLE TO PROLONG MAN'S LIFESPAN TO A NORMAL 120 YEARS OR SO -- WITH THE HEALTHY, ACTIVE YEARS EXTENDING INTO THE SIXTIES. CAN YOU IMAGINE A WORLD IN WHICH A MAN OR WOMAN OF 60 WILL BE CONSIDERED A YOUNGSTER? ACCORDING TO GENE BYLINSKY, DOCTOR WALFORD AND MANY OF HIS COLLEAGUES NOW

EDITOR: (CONT'D) CONSIDER THAT SEEMINGLY IMPOSSIBLE DREAM A VERY REAL POSSIBILITY.

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ANNCR: YOU'VE BEEN LISTENING TO FROM THE MAGAZINE RACK, SUMMARIES OF ARTICLES ON TIMELY TOPICS FROM MAGAZINES PUBLISHED IN THE UNITED STATES. YOU HEARD TODAY: OPPOSING ARGUMENTS REGARDING POSSIBLE LIFE ELSEWHERE IN THE UNIVERSE; A COMPARISON OF RECENT COMMUNIST AND WESTERN SUMMIT CONFERENCES; AND A REPORT ON THE LATEST RESEARCH INTO PROLONGING HUMAN LIFE. NEXT WEEK (AT THIS TIME), JOIN US AGAIN FOR MORE SELECTIONS FROM THE MAGAZINE RACK. YOUR REPORTER WAS ----------.

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